

Title (en)

SPATIAL LISTEN BEFORE TALK BY PRECODED REQUEST TO SEND AND CLEAR TO SEND VIA WHITENING

Title (de)

RÄUMLICHES LISTEN-BEFORE-TALK DURCH VORCODIERTE ANFORDERUNG ZUM SENDEN UND FREIGABE ZUM SENDEN MITTELS WHITENING

Title (fr)

ÉCOUTE AVANT DE PARLER SPATIALE AU MOYEN DE SIGNAUX «DEMANDE POUR ÉMETTRE» ET «PRÊT À ÉMETTRE» PRÉCODÉS PAR BLANCHIMENT

Publication

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Application

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Priority

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Abstract (en)

[origin: US2019021116A1] Methods, systems, and devices for wireless communication are described. A first wireless device may receive a clear to send signal based precoded based at least in part on a receive filter at a second wireless device. The first wireless device may calculate a transmit precoder based at least in part on the clear to send signal. For example, the first wireless device may calculate a whitening filter and a second filter based at least in part on the clear to send signal. The first wireless device may transmit a request to send signal precoded by the transmit precoder to initiate communications with a third wireless device without significantly interfering with ongoing communications at the second wireless device.

IPC 8 full level

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